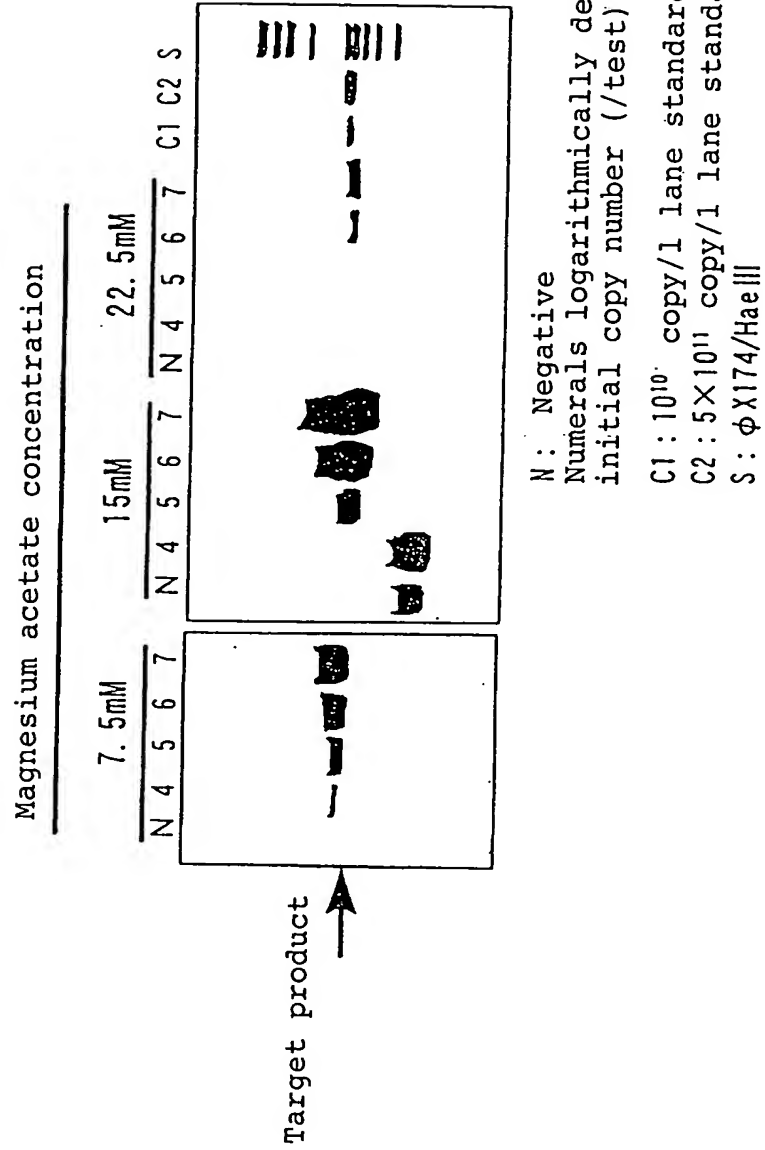


FIG. 1

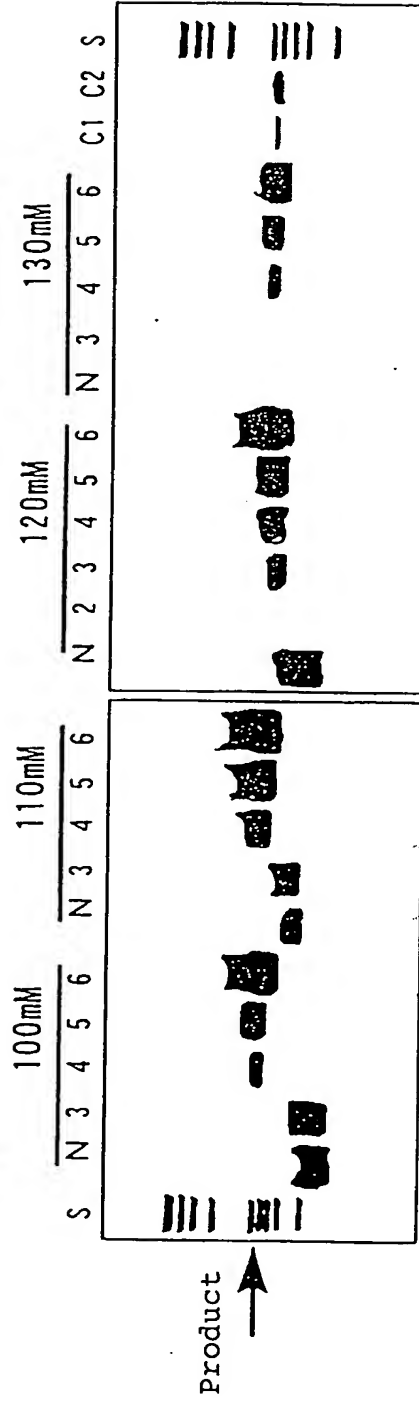


FIG. 2



F I G. 3

Potassium acetate concentration



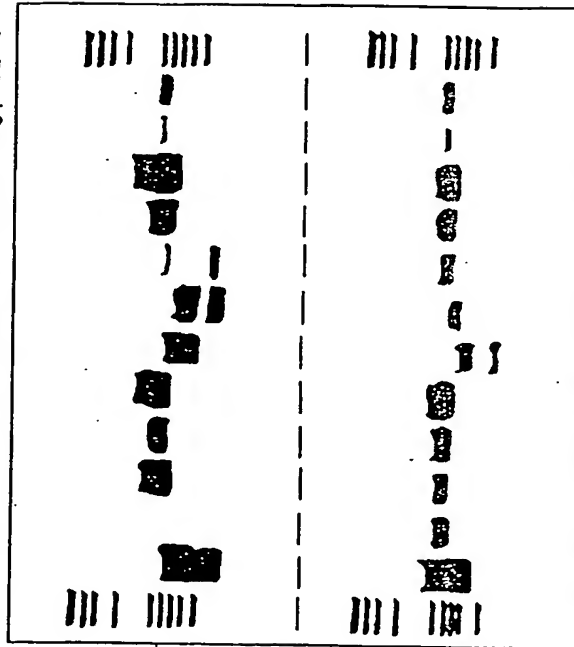
N: Negative
 Numerals logarithmically denote the initial
 copy number (/test) of the standard DNA
 C1: 10^{10} copy/1 lane standard DNA
 C2: 5×10^{11} copy/1 lane standard DNA
 S: ϕ X174/HaeIII

FIG. 4

Final sorbitol concentration

15% 11.3%

S N 3 4 5 6 N 3 4 5 6 C1 C2 S



Product

Product

N: Negative
 Numerals logarithmically denote the initial
 copy number (/test) of the standard DNA
 C1: 10^{10} copy/1 lane standard DNA
 C2: 5×10^{11} copy/1 lane standard DNA
 S: ϕ X174/HaeIII

9% 7.5%

N 3 4 5 6 N 3 4 5 6

Final Sorbitol concentration

FIG. 5

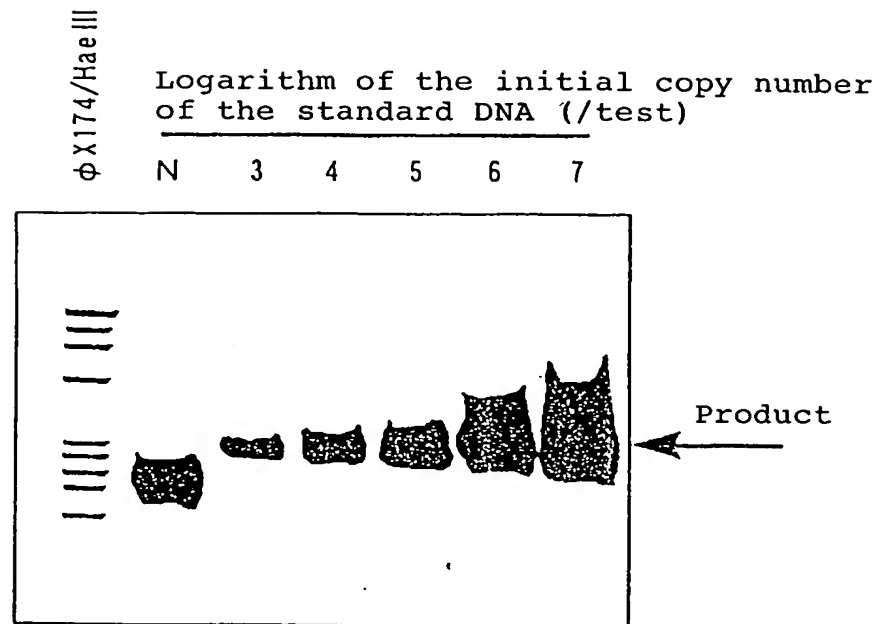
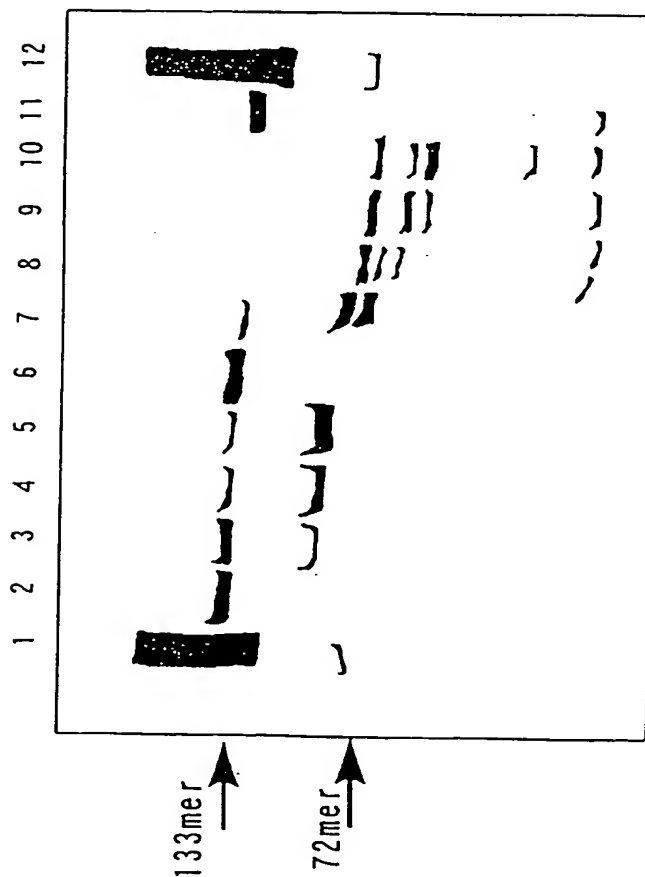


FIG. 6



- 1, 12. Thermally denatured x174/HaeIII
2. Tris-acetate buffer 7×10^{-6} U/ μ l RNaseH
3. Tris-acetate buffer 7×10^{-5} U/ μ l RNaseH
4. Tris-acetate buffer 7×10^{-4} U/ μ l RNaseH
5. Tris-acetate buffer 7×10^{-3} U/ μ l RNaseH
6. Tris-acetate buffer RNaseH without addition of RNaseH
7. Tris-HCl buffer 10^{-5} U/ μ l RNaseH
8. Tris-HCl buffer 10^{-4} U/ μ l RNaseH
9. Tris-HCl buffer 10^{-3} U/ μ l RNaseH
10. Tris-HCl buffer 10^{-2} U/ μ l RNaseH
11. Tris-HCl buffer RNaseH without addition of RNaseH

FIG. 8

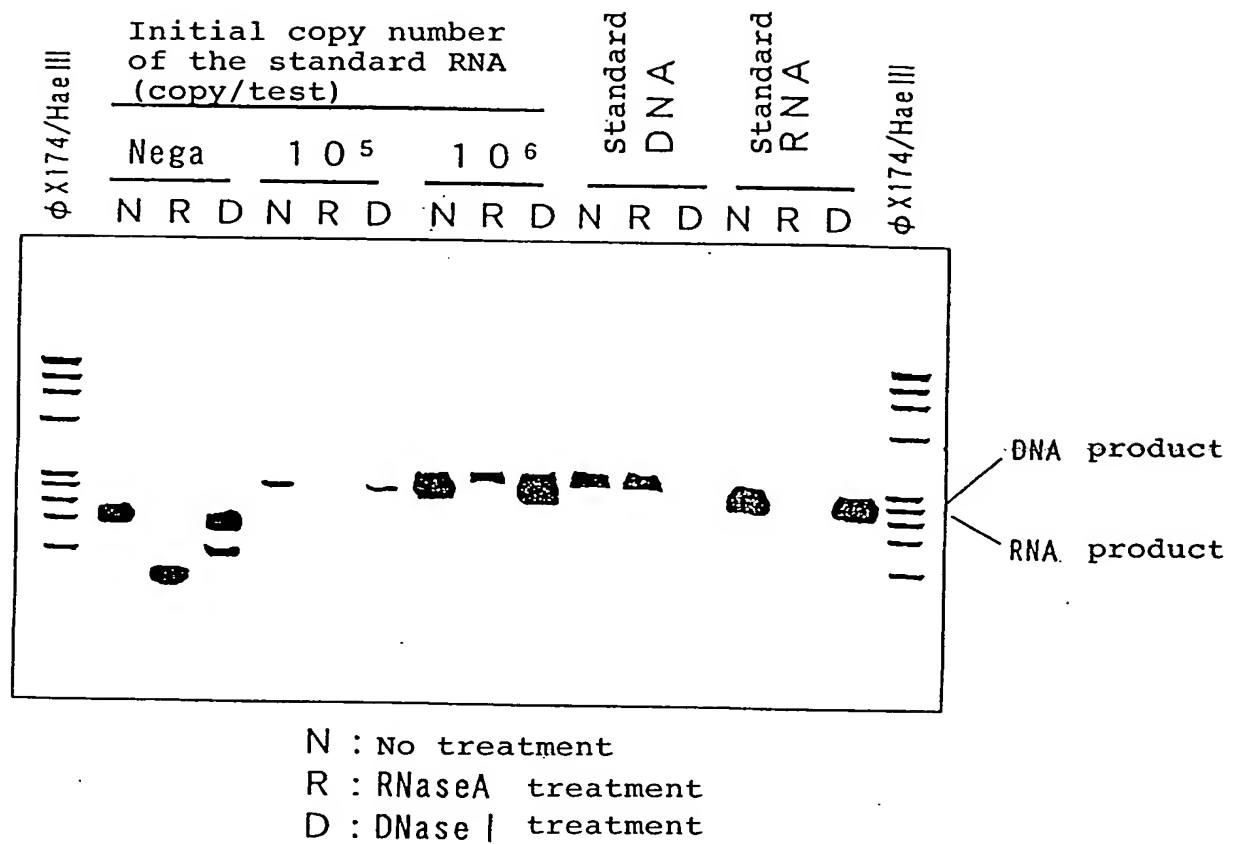
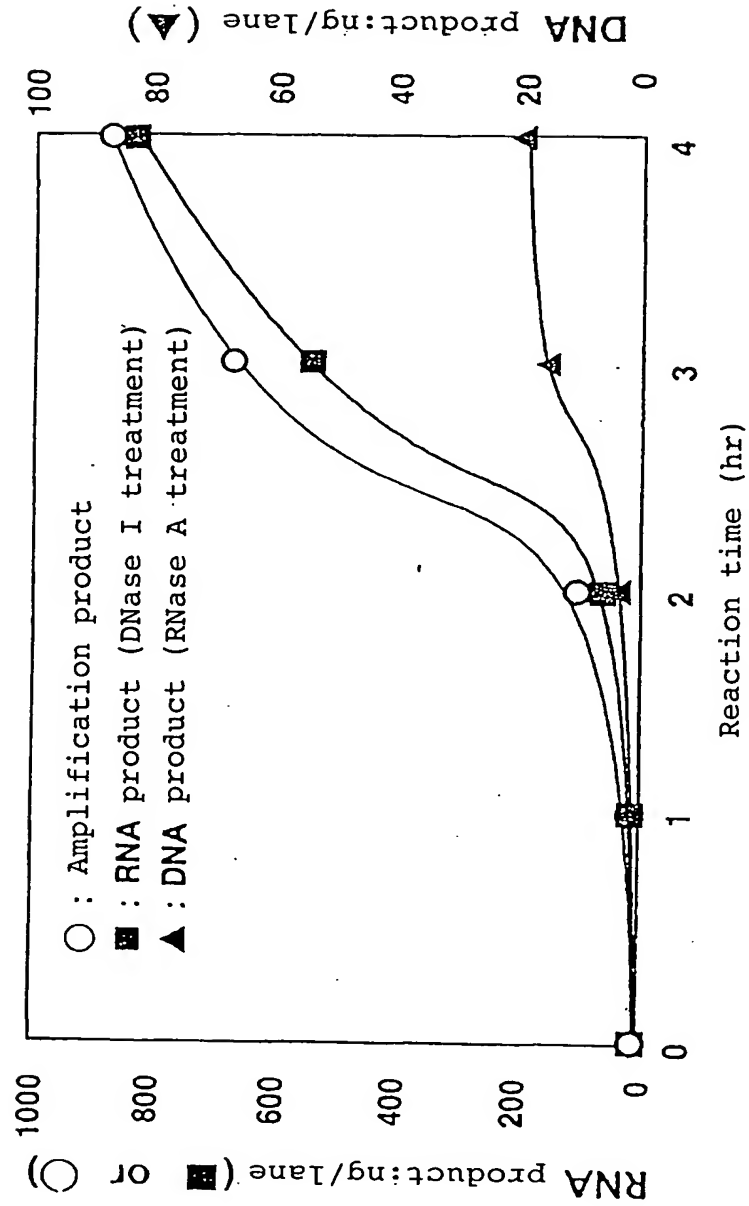
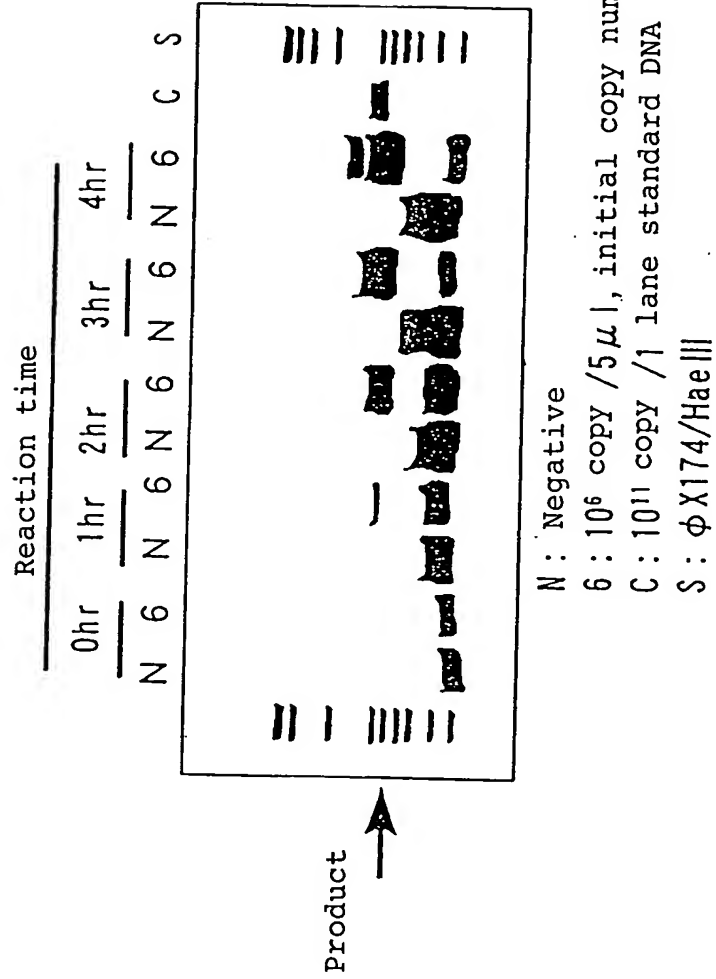


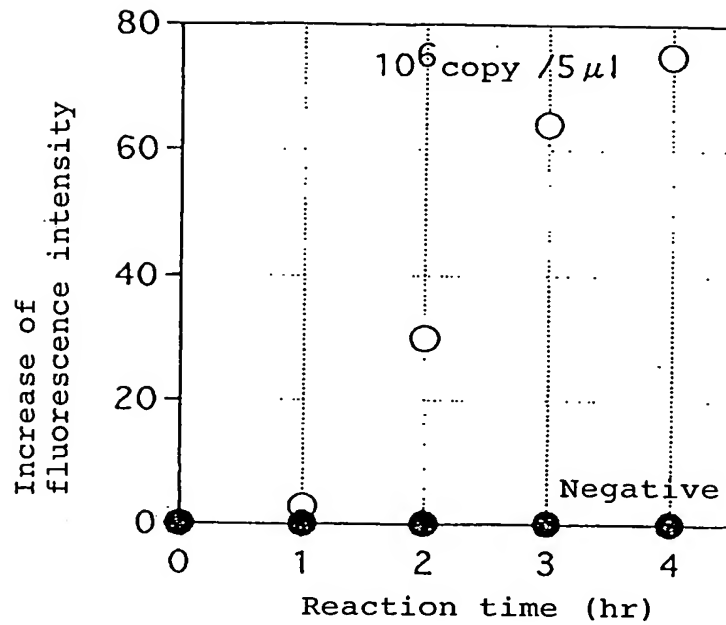
FIG. 9



F I G. 10



F I G. 11



F I G. 12

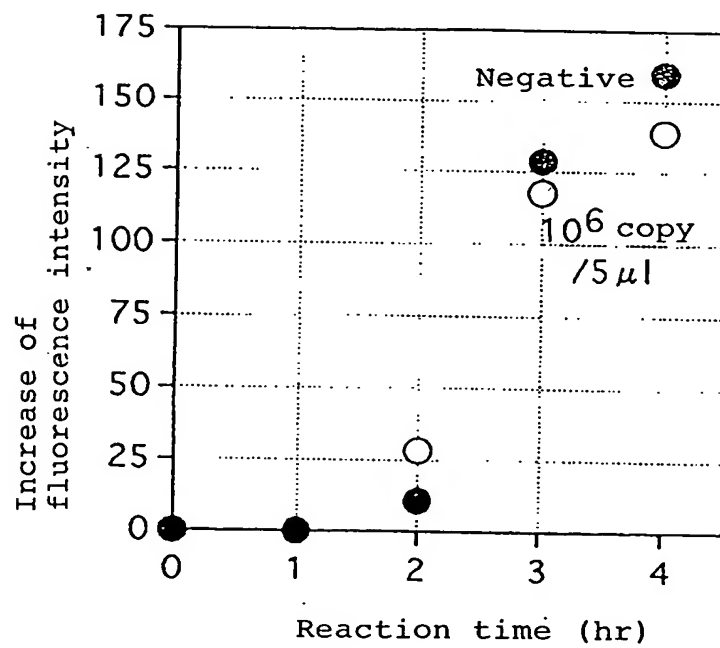
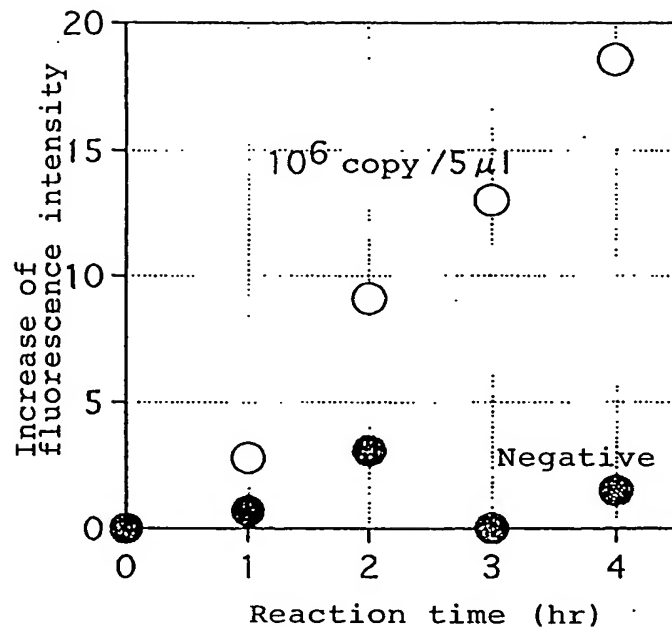
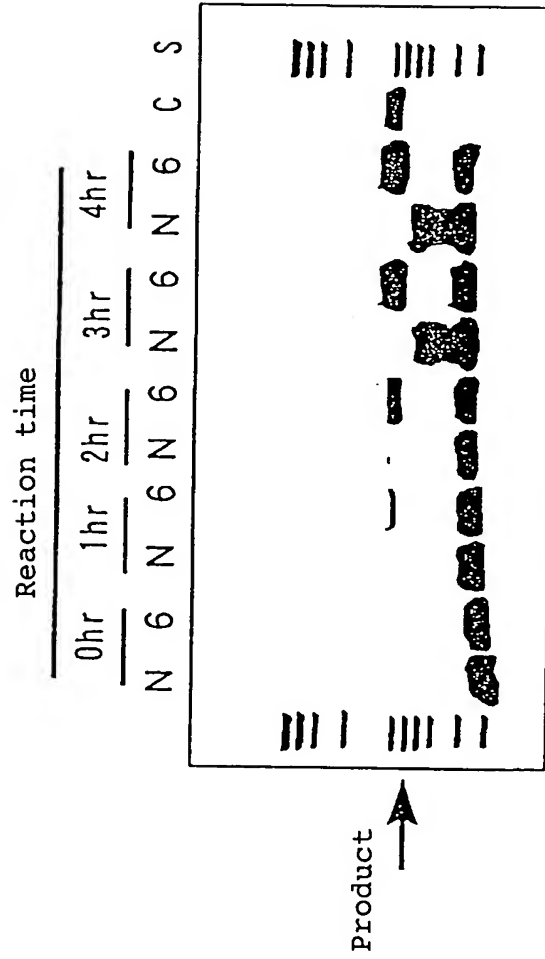


FIG. 13

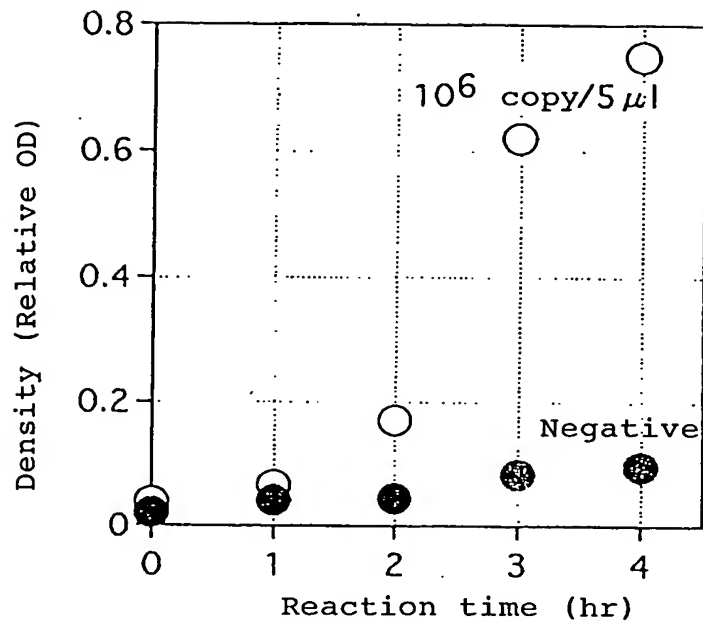


F I G. 14

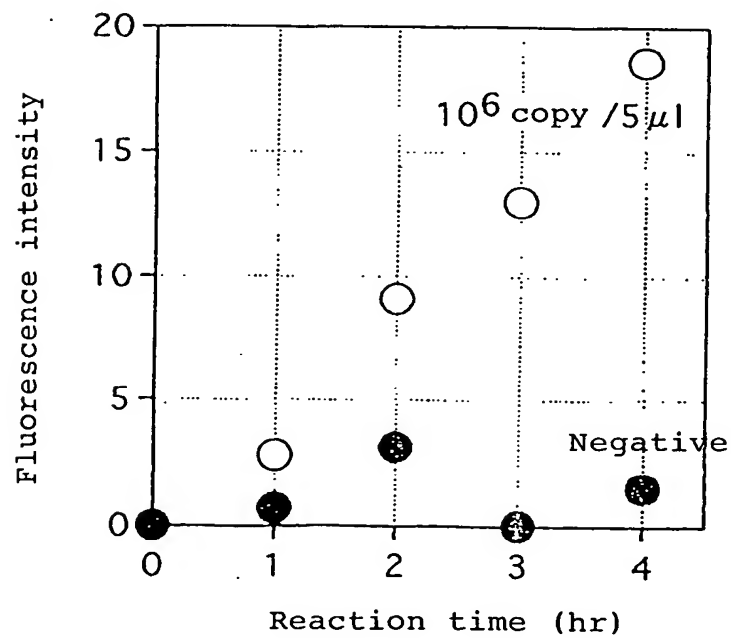


N : Negative
 6 : 10^6 copy / 5μ l, Initial copy number of standard RNA
 C : 10^{11} copy / 1 Standard DNA
 S : ϕ X174/HaeIII

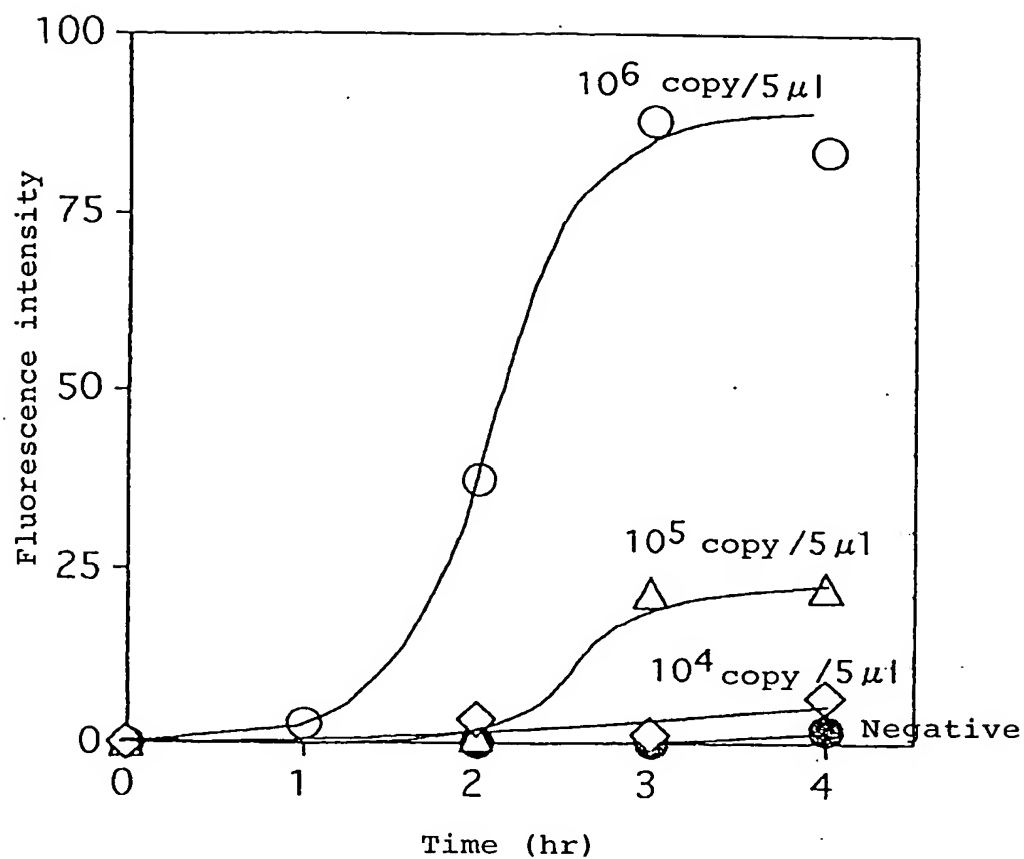
F I G. 15



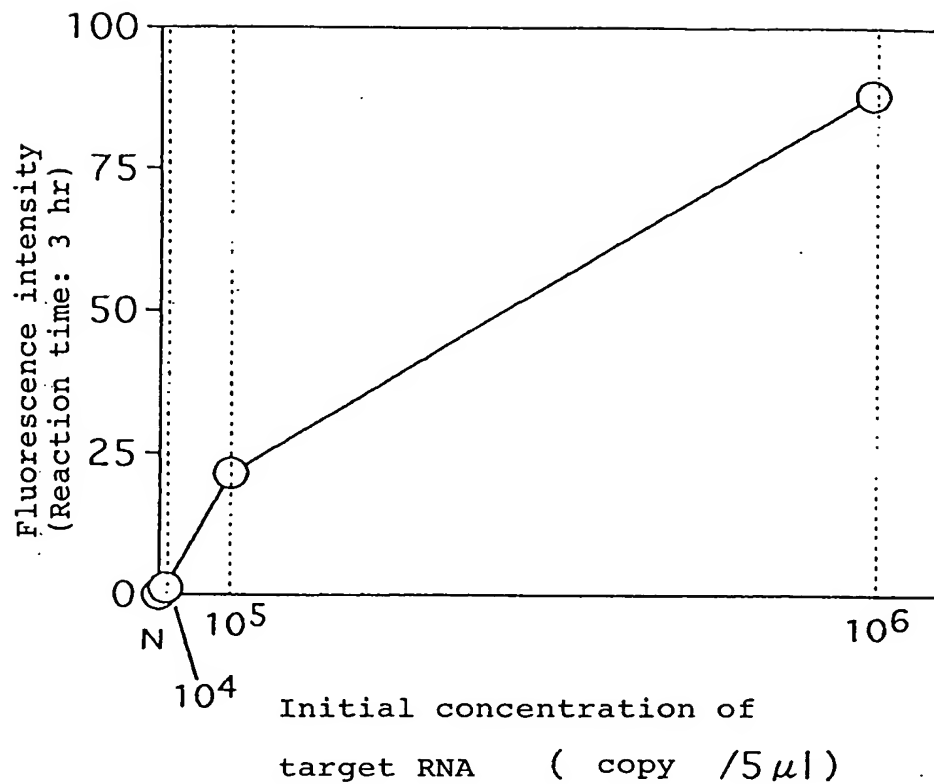
F I G. 16



F I G. 17



F I G. 18



F I G. 19

